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## EXPOSURE AND CROPS IN SWITZERLAND.

NUMBERLESS examples may be given to show the difference of exposure, on southern and northern slopes, upon the vegetation. A recent striking illustration is noted in *La Géographie*, No. 3, 1905, and described in the *Bulletin of the American Geographical Society* for July. Above the hamlet of Findelen, near Zermatt, in the Alps, barley and rye are grown at an altitude of 6,900 feet above sea level, on a sunny southern slope. On the northern slopes, a few hundred yards distant, there is an arctic-alpine flora, with patches of snow lying below the level of the fields of grain on the southern slope.

R. DEC. WARD.

ACTA OF THE INTERNATIONAL CONVENTION OF THE INTERNATIONAL CATALOGUE OF SCIENTIFIC LITERATURE.

OPENING meeting: Tuesday, July 25, at 11 A.M., at the rooms of the Royal Society.

1. Professor Darboux moved that Professor H. E. Armstrong be the chairman of the convention. The motion having been carried unanimously, Professor H. E. Armstrong took the chair and welcomed the delegates.

2. On motion of the chairman, at the request of the Royal Society, Mr. A. B. Kempe, treasurer of the Royal Society, and Dr. L. Mond, member of the executive committee, were invited to take part in the deliberations of the convention.

3. On the motion of the chairman it was resolved: That Dr. J. Deniker be the secretary for the French language; Professor Dr. August von Böhm, secretary for the German language; Cav. E. Mancini, secretary for the Italian language, and Dr. H. Forster Morley, secretary for the English language.

4. On the motion of the chairman, seconded by Dr. Stejneger, it was resolved: That, in view of the success already achieved by the International Catalogue of Scientific Literature and of its great importance to scientific workers, it is imperative to continue the publication of the catalogue at least for a further period of five years.

5. On the motion of the chairman, seconded

by M. Darboux, it was resolved that Dr. H. Forster Morley be reappointed director of the catalogue at a salary of £500 per annum.

6. On the motion of the chairman, seconded by Dr. Deniker, it was resolved: That the convention authorizes the annual expenditure of a sum not exceeding £2,000 (in addition to the director's salary), for carrying on the work of the Central Bureau.

Second meeting: Wednesday, July 26, at 10 A.M., at the rooms of the Royal Society.

7. On the motion of M. Darboux it was resolved: That in view of the resolution arrived at to continue the catalogue for a further period of five years, the Royal Society of London be requested: (a) Again to act as the publishing body; (b) to conclude a contract with Messrs. Harrison and Sons to print the catalogue on the terms indicated in the report of the executive committee; (c) to make such provision of working capital as may be desirable in the opinion of the executive committee.

8. On the motion of Dr. Larmor it was unanimously resolved: That as it is undesirable to increase the borrowed capital of the International Catalogue, contracting bodies be informed that in cases where payment in advance is impracticable it is necessary that payment should be made for each volume as soon as possible after delivery. That the director be instructed, in making such special requests for payment as the executive committee may determine, to send a copy of this resolution with his request.

9. On the motion of the chairman it was resolved: That the convention approves of the proposal for an amalgamation of the *Zoological Record* published by the Zoological Society of London with Volume N of the International Catalogue in accordance with paragraph 24 of the report, and authorizes the executive committee to carry the proposal into effect.

10. On the motion of Dr. Stejneger it was resolved: That it is the desire of this convention that the executive committee, as soon as practicable, take into consideration the question of issuing cards.

11. On the motion of Dr. Stejneger, seconded by Dr. Deniker, it was resolved: That

the reports of the committee of schedules be adopted.

12. On the motion of the chairman it was resolved: That the report of the executive committee be adopted and that all matters therein not dealt with by this convention be remitted to the executive committee with power to act thereon.

13. On the motion of Professor Korteweg, seconded by Dr. Deniker, it was resolved that thanks be given to Professor Armstrong for presiding over the convention.

HENRY E. ARMSTRONG,	D. G. MÉTAXAS,
OSKAR UHLWORM,	J. DENIKER.
D. J. KORTEWEG,	D. PRAIN,
AUGUST V. BÖHM,	R. NASINI,
LEONHARD STEJNEGER,	ERNESTO MANCINI,
I. BORODIN,	K. MATSUBARA,
ROLAND TRIMEN,	G. DARBOUX,
PAUL OTLET,	FRANCISCO A. DE ICAZA,
H. LA FONTAINE,	J. LARMOR.

#### SCIENTIFIC NOTES AND NEWS.

MAJOR RONALD ROSS and Dr. Rubert Boyce, of the Liverpool School of Tropical Medicine, have arrived in this country to cooperate with the authorities at New Orleans in suppressing the epidemic of yellow fever.

SIR PATRICK MANSON, medical adviser to the English colonial office, arrived at San Francisco on August 14 to deliver a course of lectures on tropical diseases at the Lane Hospital.

PROFESSOR JOHN M. COULTER and Dr. H. C. Cowles have leave of absence from the University of Chicago, and expect to spend the autumn and winter in Europe, returning to the university in April. Professor Charles R. Barnes, who has been spending six months in Europe, will return to Chicago for the autumn quarter.

DR. OLIVER L. FASSIG, of the U. S. Weather Bureau and the Johns Hopkins University, has returned to this country from his Arctic voyage in search of Captain Fiala.

DR. W. WYSSLING, professor of electrical engineering in the Zurich Polytechnicum, was expected to arrive in New York this week to study developments of electrical engineering.

MR. JESSE M. GREENMAN, of Harvard University, has been appointed assistant curator of the Department of Botany of the Field Columbian Museum.

DR. R. VON WETTSTEIN, professor of botany at the University of Vienna, has been elected a member of the Academy of Sciences at Madrid.

WE learn from *The British Medical Journal* that Dr. Paul Richer, member of the French Académie de Médecine, and one of the editors of the *Iconographie de la Salpêtrière*, has been elected a member of the Paris Academy of Fine Arts. Dr. Richer is professor of anatomy at the Ecole des Beaux Arts, but he owes the honor which has been conferred upon him to his distinction as a sculptor.

THE *Pharmaceutical Journal* says that the research fellowship in chemistry offered by the Company of Salters, and tenable in the research laboratory of the Pharmaceutical Society, has this year been awarded to Miss Nora Renouf, who has been engaged in original investigations for the past two years in the society's laboratories as holder of the Redwood and the Burroughs scholarships.

*Nature* states that the editorship of the 'Fauna of British India,' rendered vacant by the death of Dr. W. T. Blanford, has been offered by the secretary of state for India to Lieut.-Colonel C. T. Bingham.

A MEMORIAL window has been placed in St. John's in the Wilderness, Paul Smith's, in the Adirondacks, in memory of the late Dr. Edward L. Trudeau, Jr.

DR. LOUIS H. LAUDY, tutor in general chemistry in Columbia University, died in New York on August 17. Dr. Laudy was a fellow of the American Association for the Advancement of Science and of the New York Academy of Sciences.

DR. LYMAN HALL, president of the Georgia School of Technology, Atlanta, died on August 17 at the age of forty-five years. He was a graduate of the West Point Military Academy and became professor of mathematics in the Georgia School of Technology in 1888.